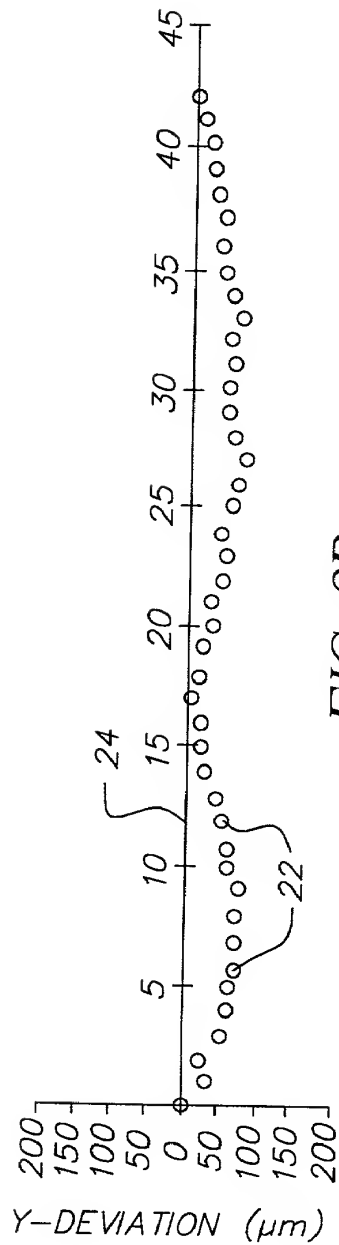
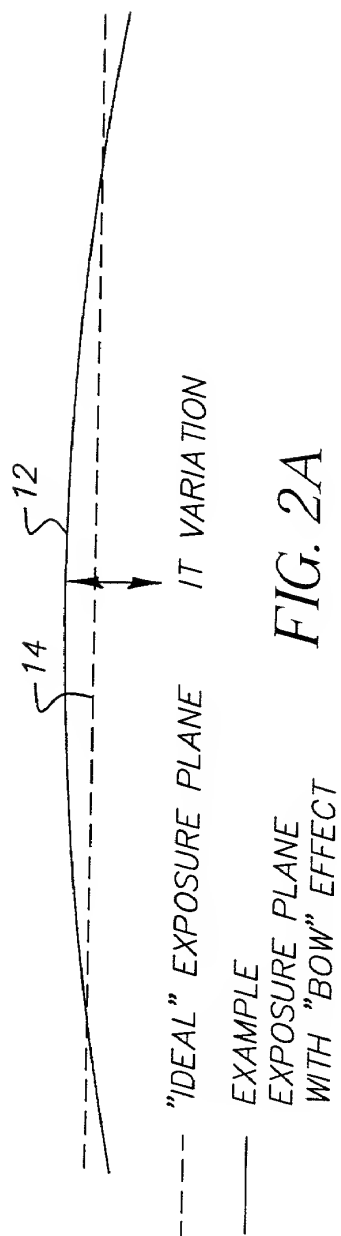


FIG. 1  
(PRIOR ART)



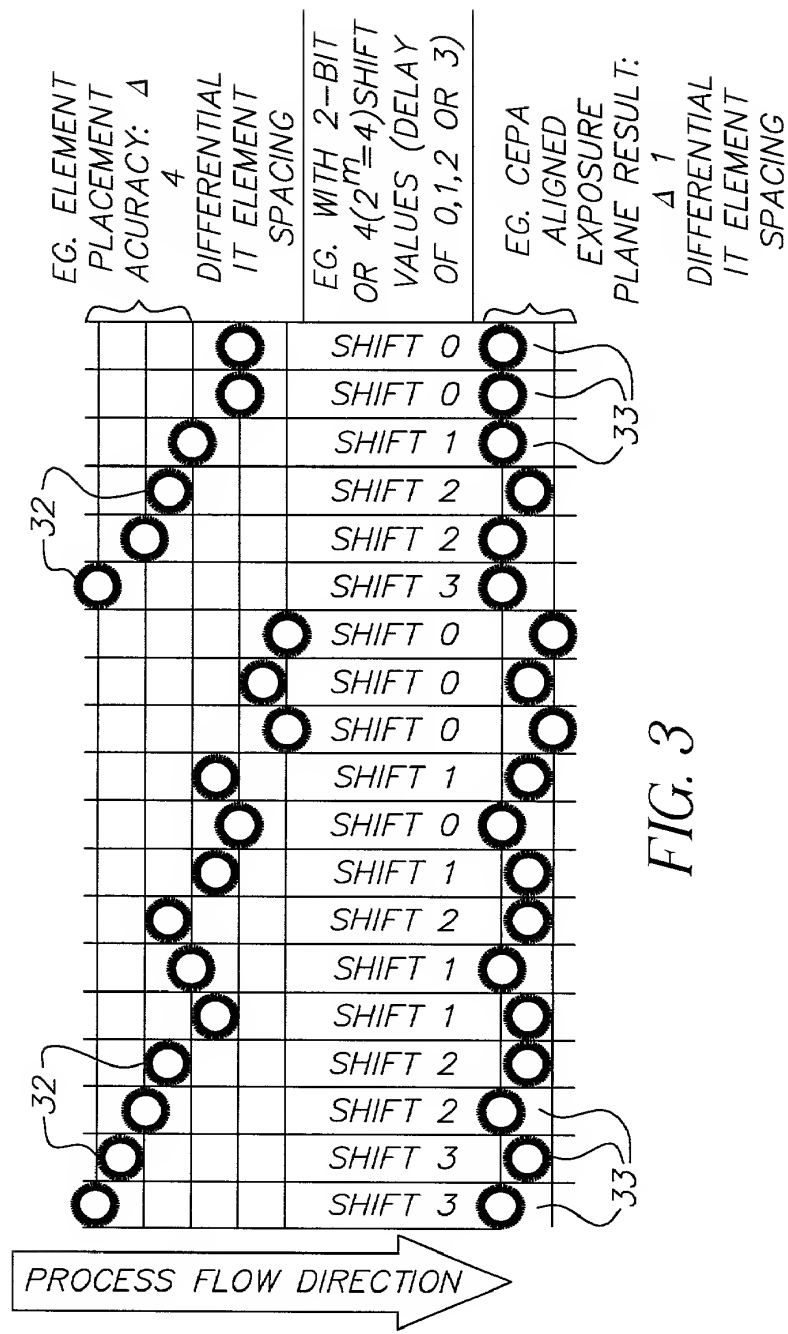


FIG. 3

*FIG. 4A*

*FIG. 4B*

*FIG. 4*

ELEMENT S	S1	IMAGE DATA LINE 1
ELEMENT R	R1	IMAGE DATA LINE 2
ELEMENT Q	Q1	IMAGE DATA LINE 3
ELEMENT P	P1	IMAGE DATA LINE 4
ELEMENT O	O1	
ELEMENT N	N1	
ELEMENT M	M1	
ELEMENT L	L1	
ELEMENT K	K1	
ELEMENT J	J1	
ELEMENT I	I1	
ELEMENT H	H1	
ELEMENT G	G1	
ELEMENT F	F1	
ELEMENT E	E1	
ELEMENT D	D1	
ELEMENT C	C1	
ELEMENT B	B1	
ELEMENT A	A1	

S1	R1	Q1	P1	O1	N1	M1	L1	K1	J1	I1	H1	G1	F1	E1	D1	C1	B1	A1
S2	R2	Q2	P2	O2	N2	M2	L2	K2	J2	I2	H2	G2	F2	E2	D2	C2	B2	A2
S3	R3	Q3	P3	O3	N3	M3	L3	K3	J3	I3	H3	G3	F3	E3	D3	C3	B3	A3
S4	R4	Q4	P4	O4	N4	M4	L4	K4	J4	I4	H4	G4	F4	E4	D4	C4	B4	A4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0	1	2	2	3	3	0	1	2	1	0	1	2	2	3	2	3	3	3

CEPA VALUE REGISTER
---------------------

EG. 50 IT LINE IMAGE

EG. 2-BIT CEPA  
(m=2) #STEPS=2<sup>m</sup>  
#STEPS=4

FIG. 4A

[illegible]

EG. CEPA OUTPUT IT LENGTH  $+(2^m - 1)$  50 + 3=53 53 IT LINE IMAGE

FIG. 4B

FIG. 5A	FIG. 5B
FIG. 5C	FIG. 5D

FIG. 5

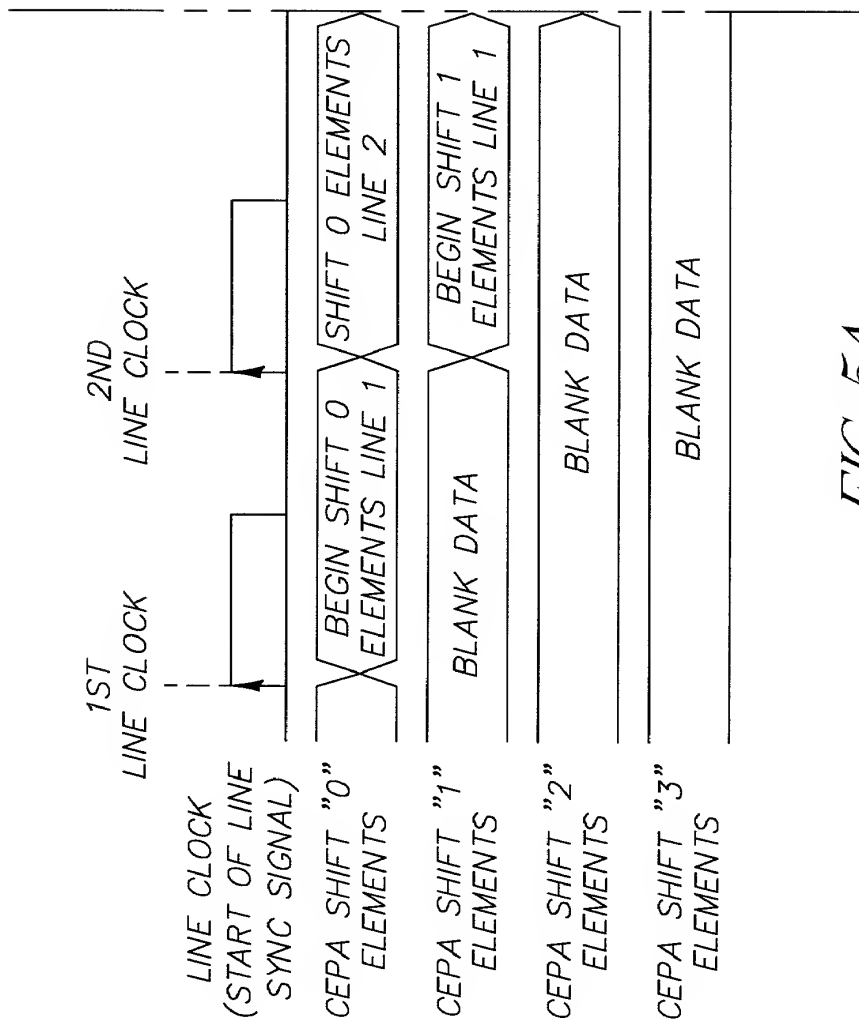


FIG. 5A



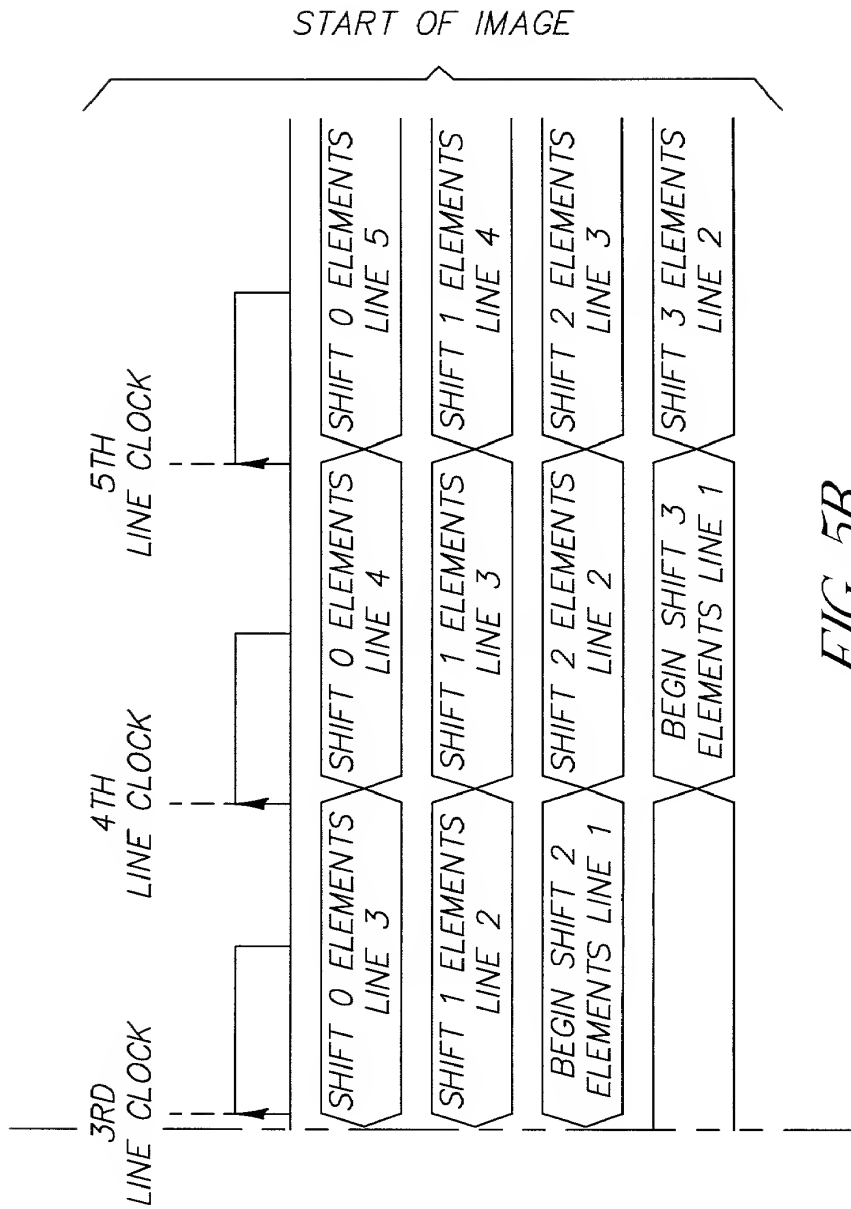


FIG. 5B

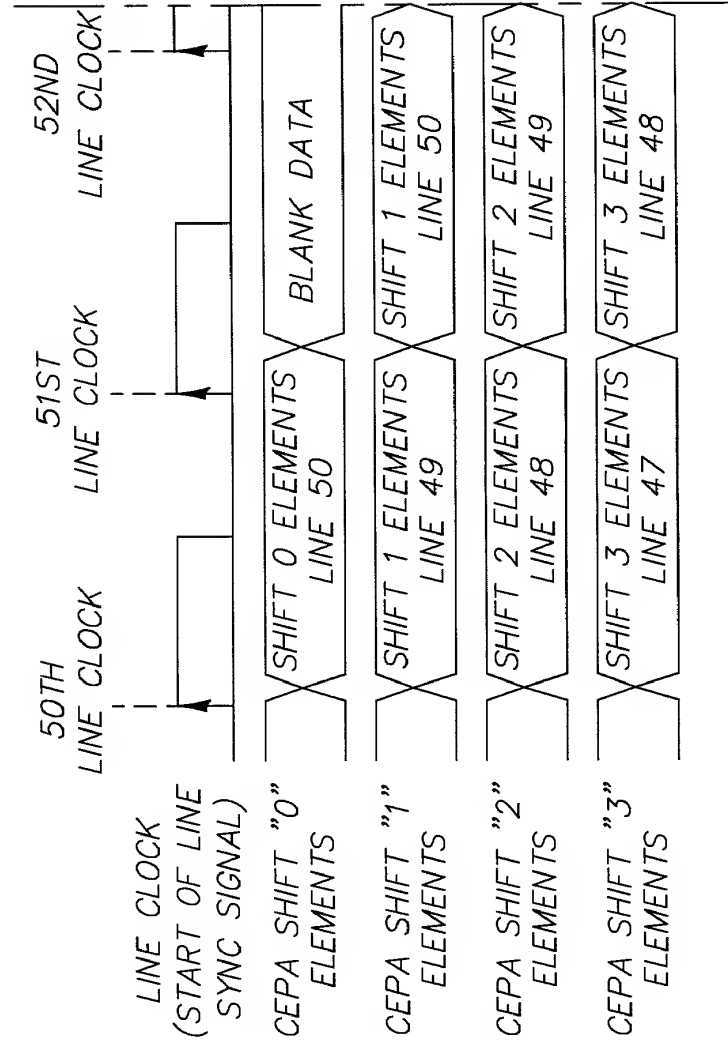


FIG. 5C

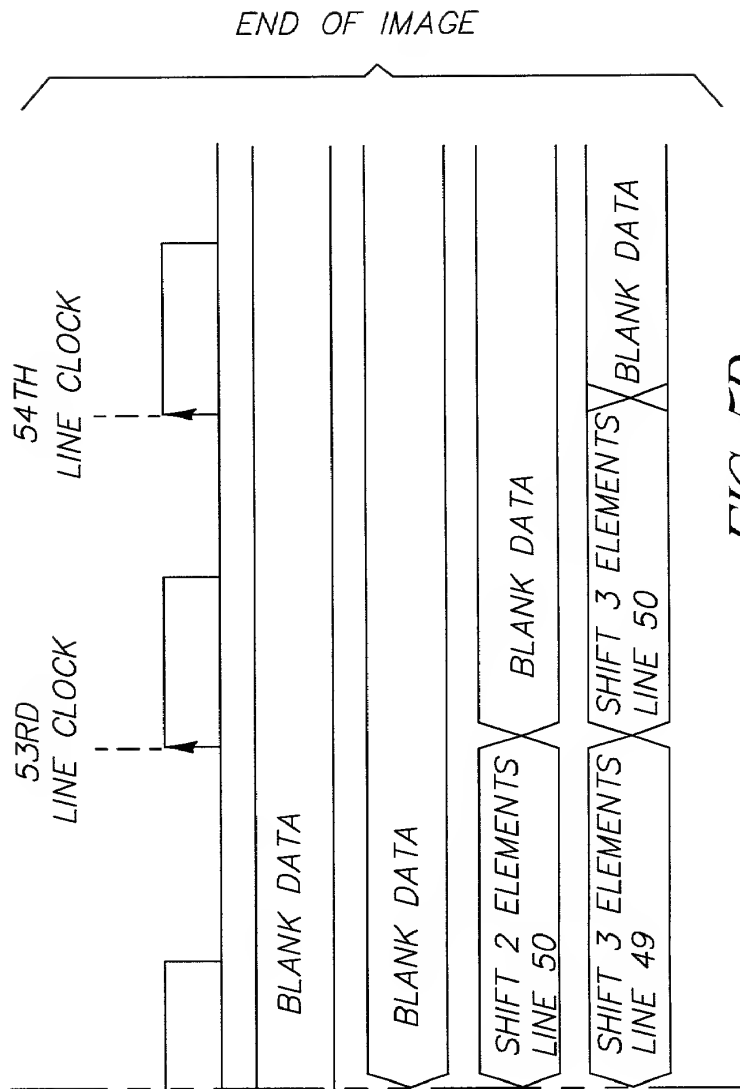


FIG. 5D

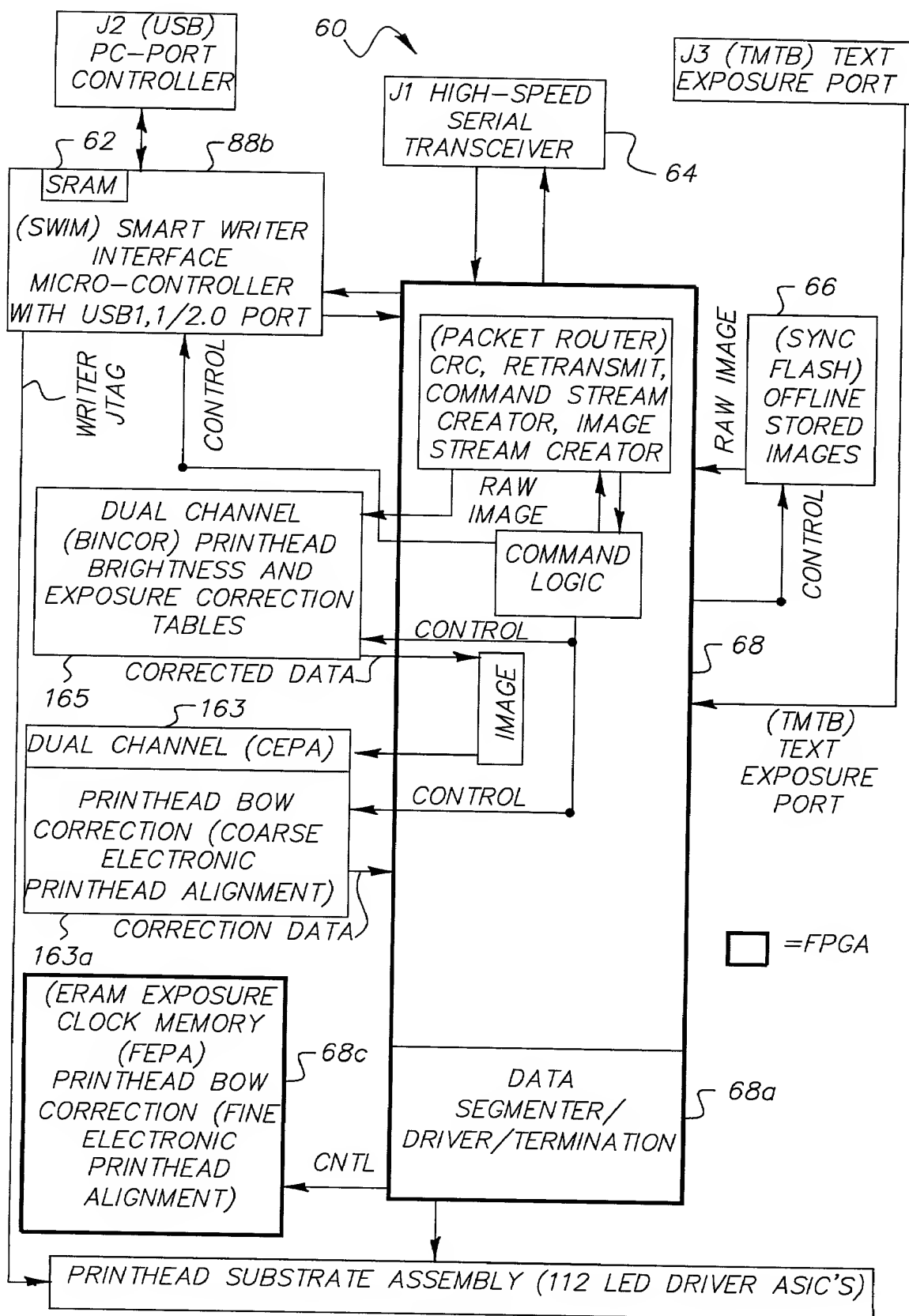
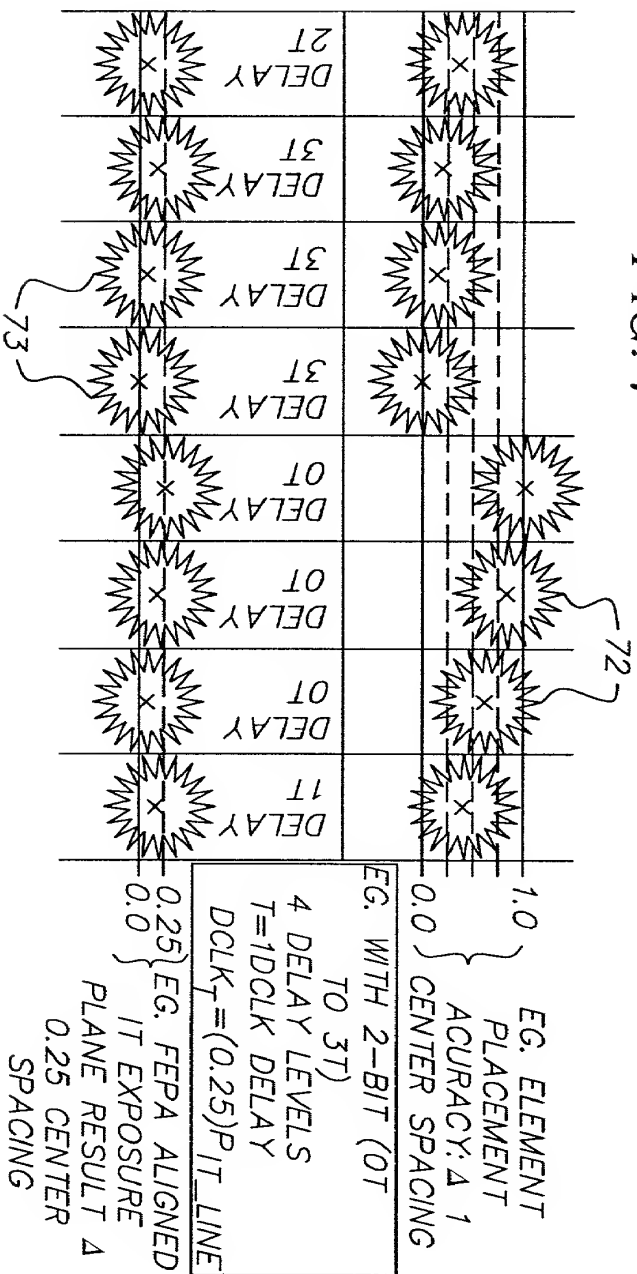
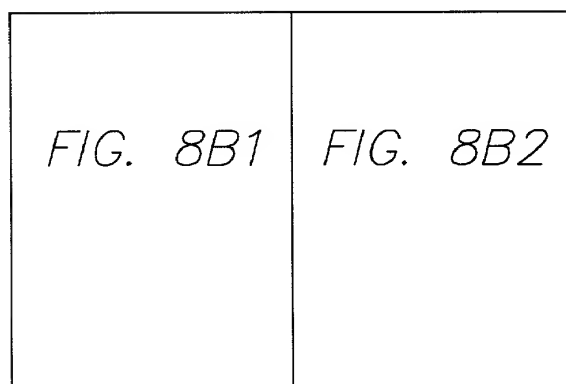


FIG. 6

FIG. 7







*FIG. 8B*

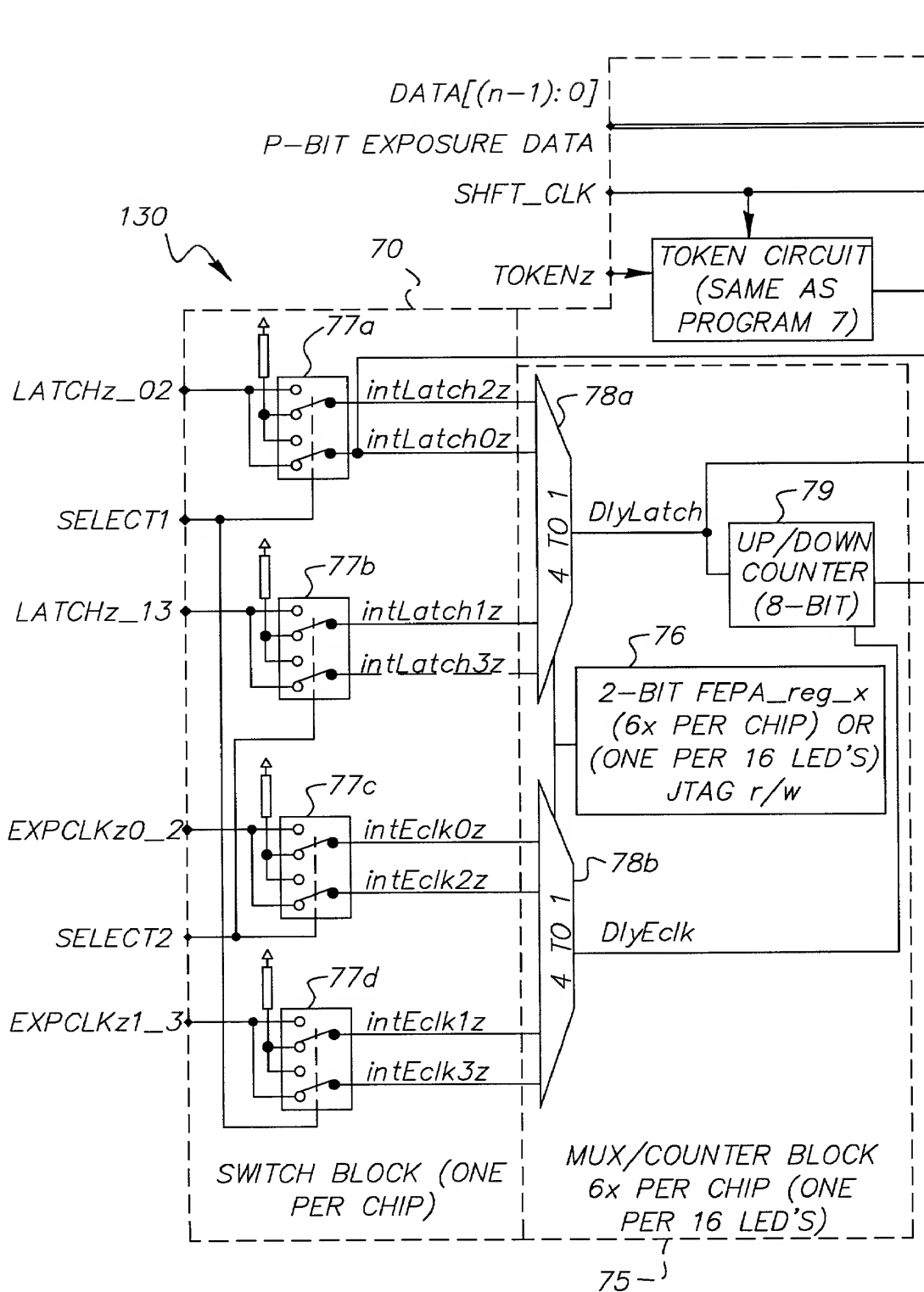


FIG. 8B1



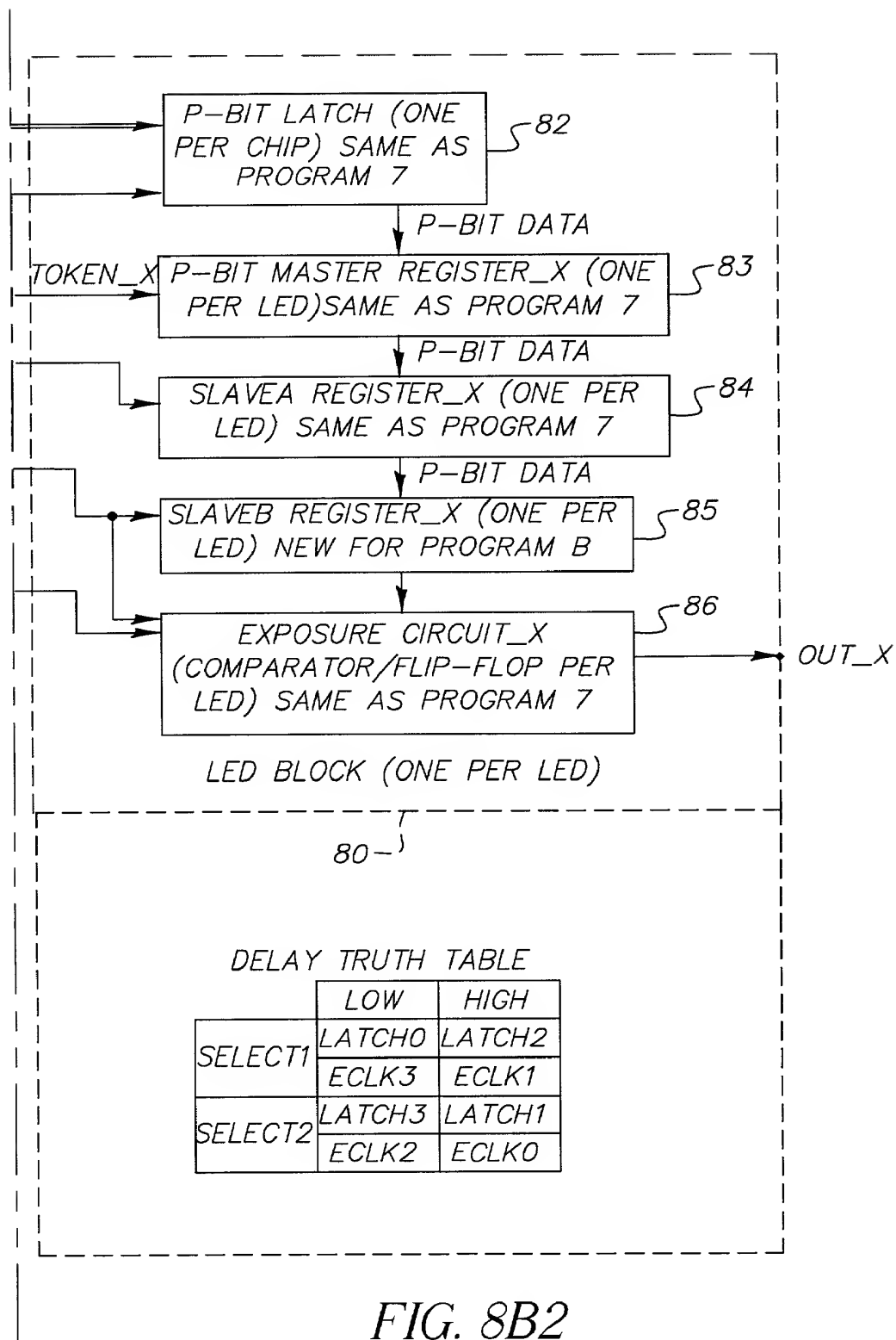


FIG. 8B2

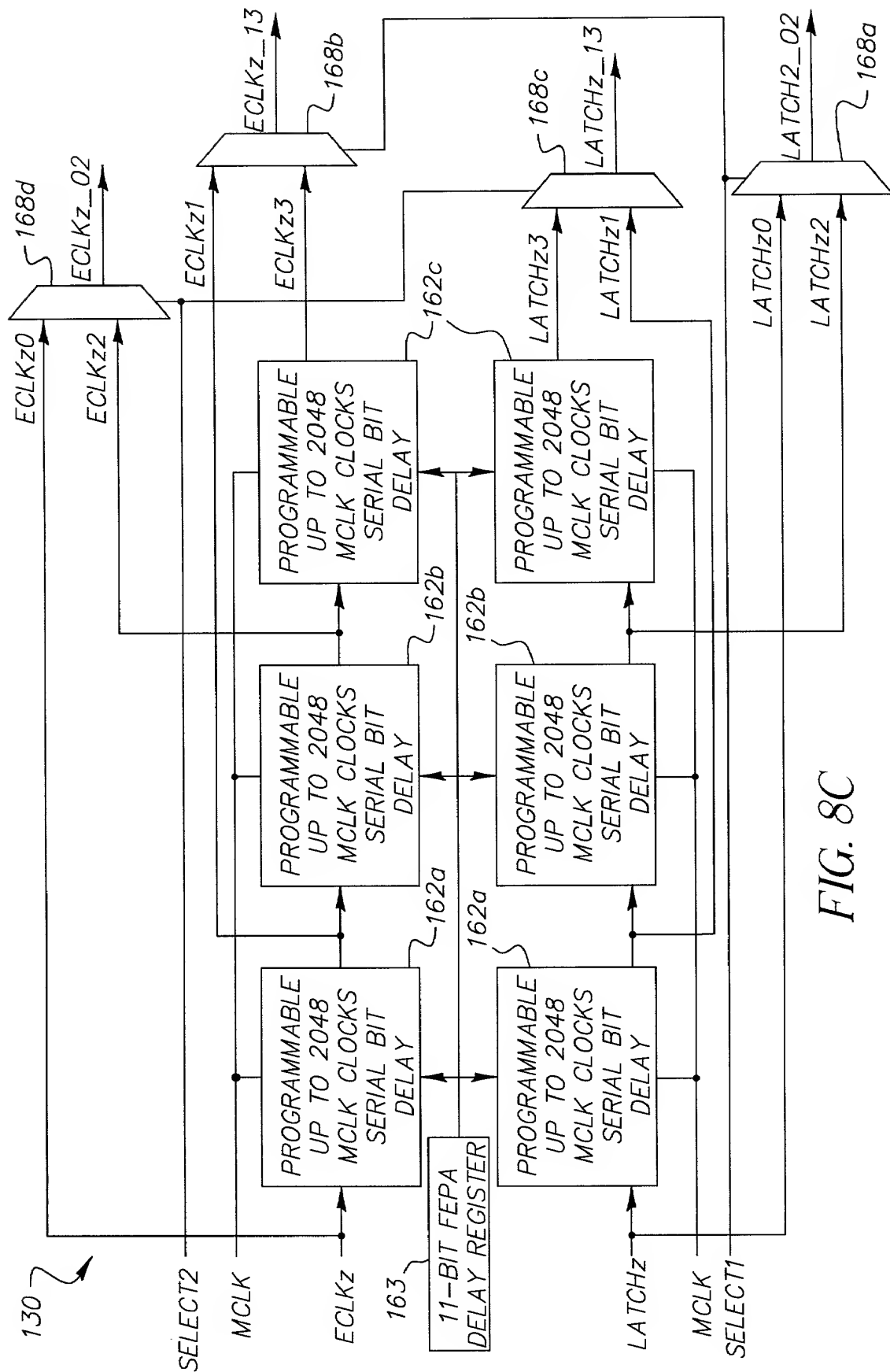


FIG. 8C

*FIG. 8D1*

*FIG. 8D2*

*FIG. 8D*

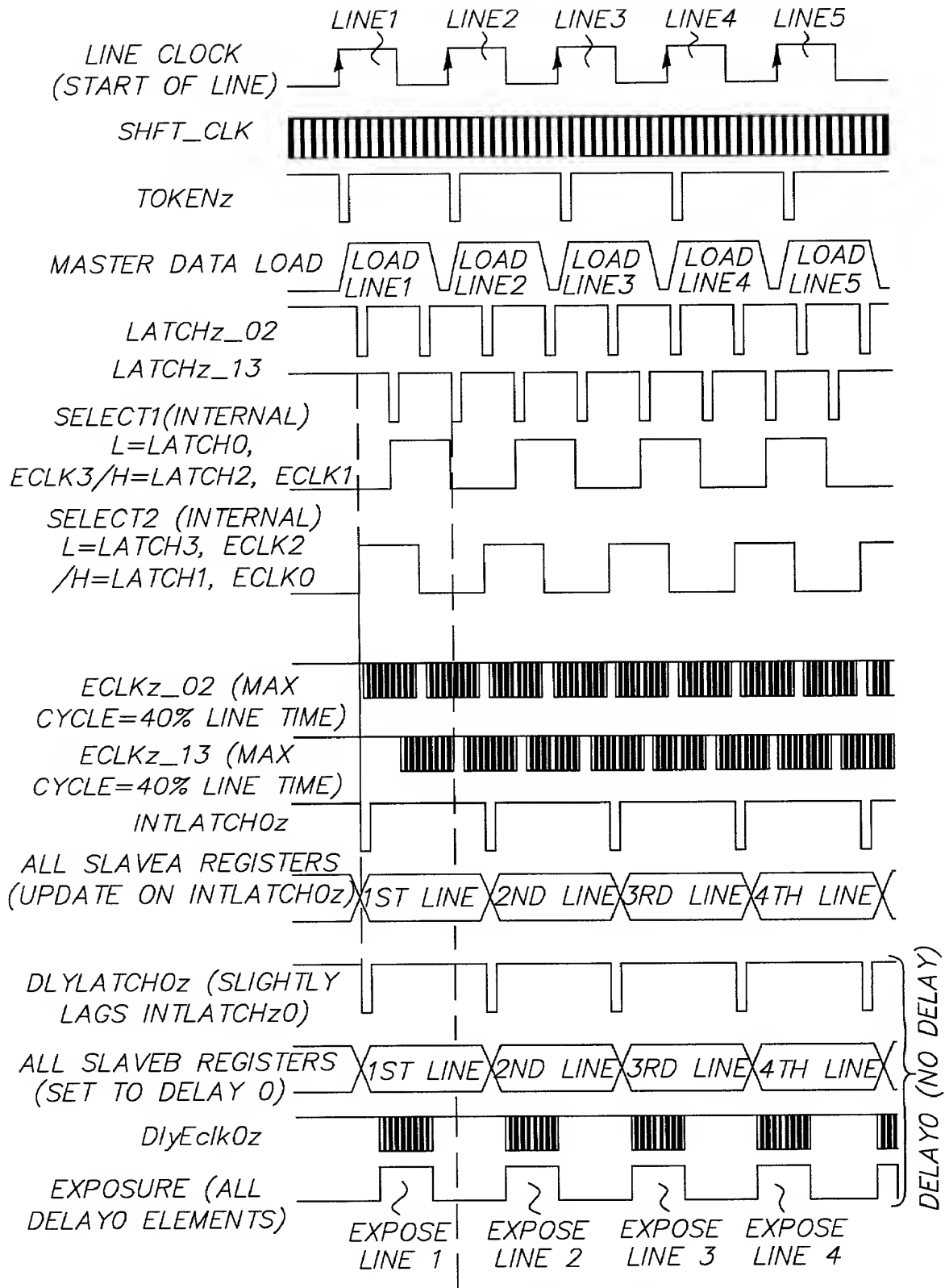


FIG. 8D1

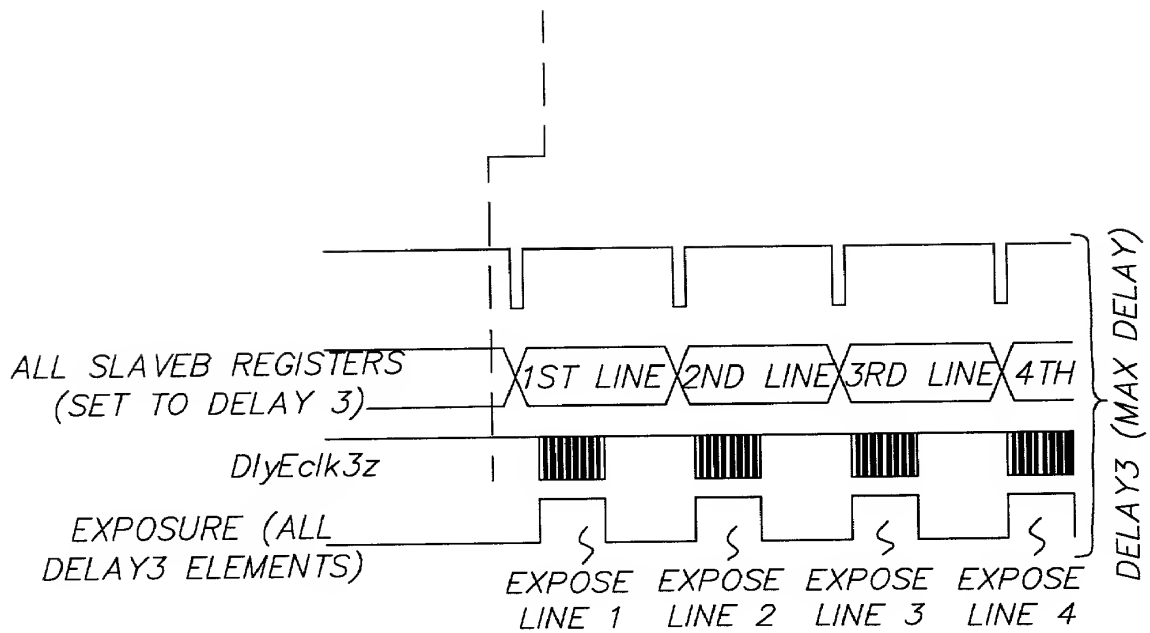


FIG. 8D2

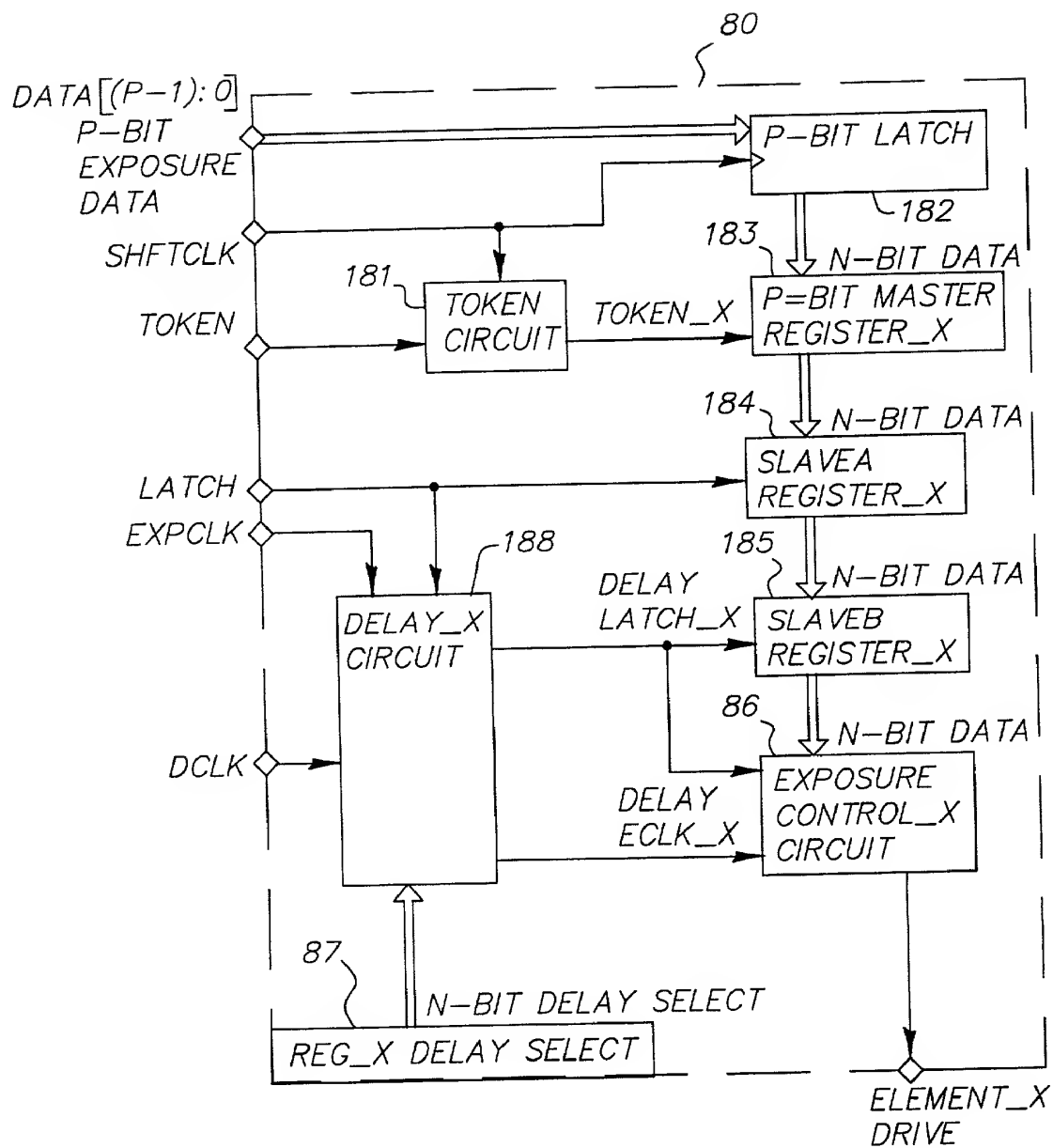


FIG. 9A

*FIG. 9B1*

*FIG. 9B2*

*FIG. 9B*

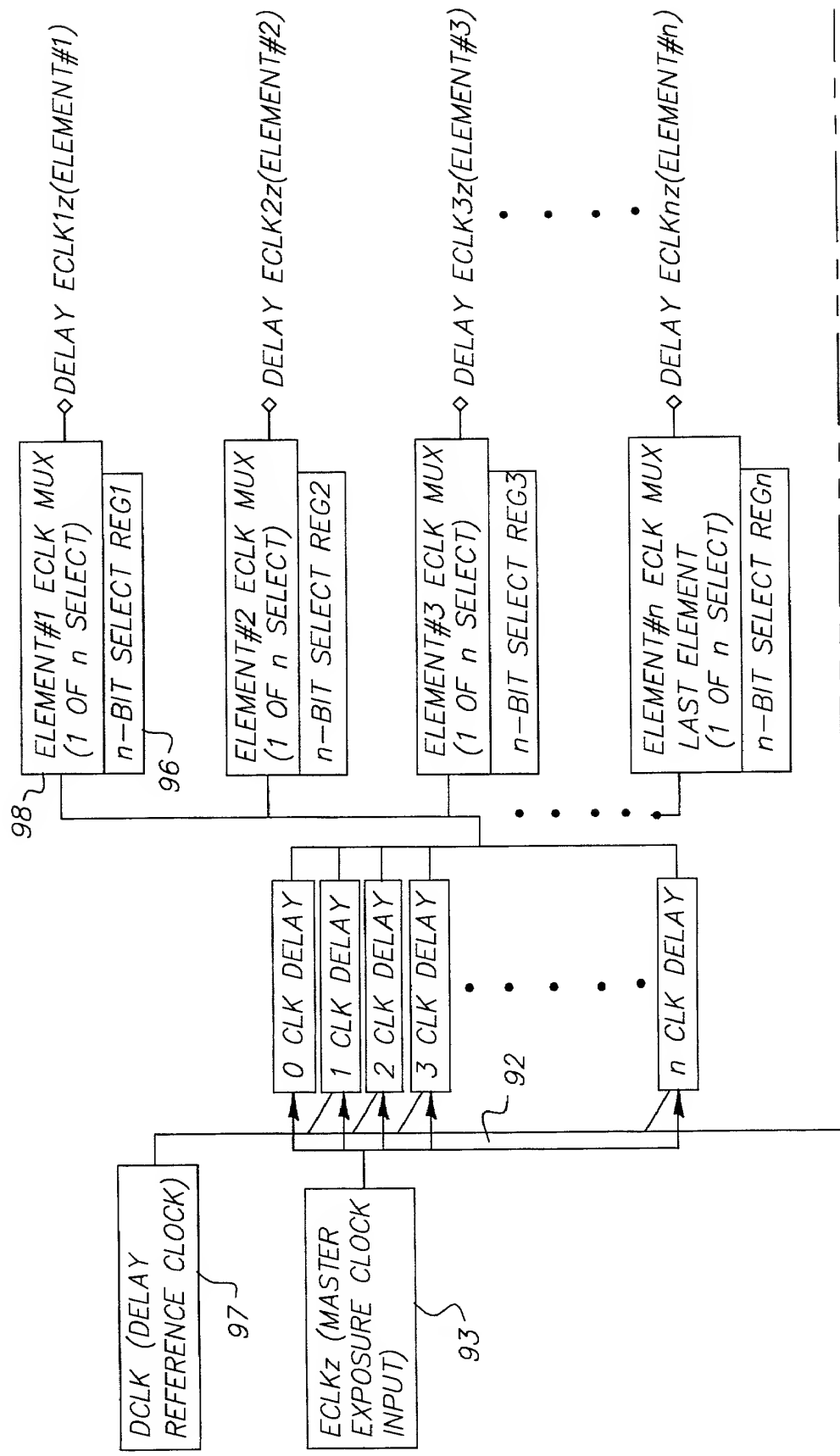


FIG. 9B1



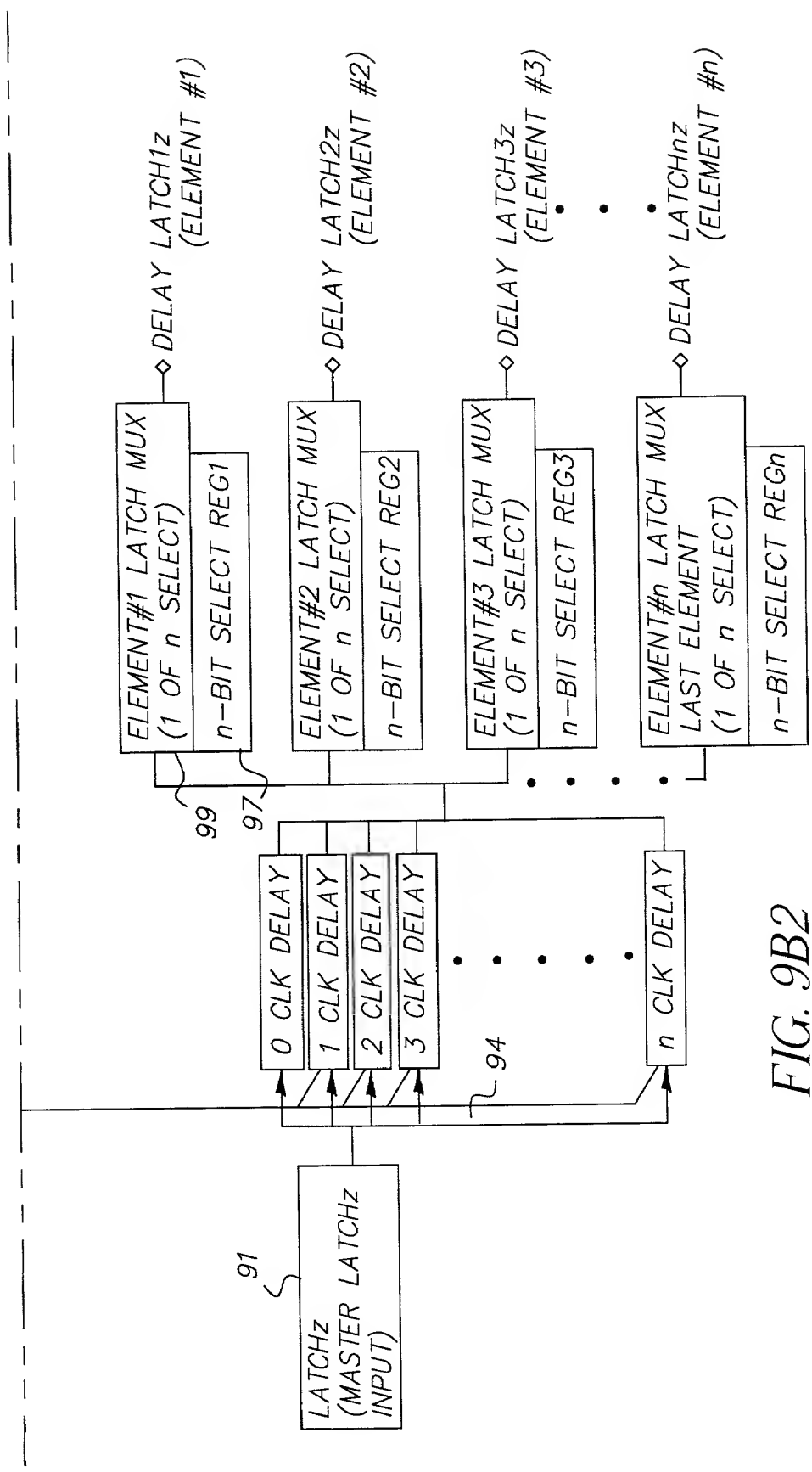


FIG. 9B2

*FIG. 10A*

*FIG. 10B*

*FIG. 10*

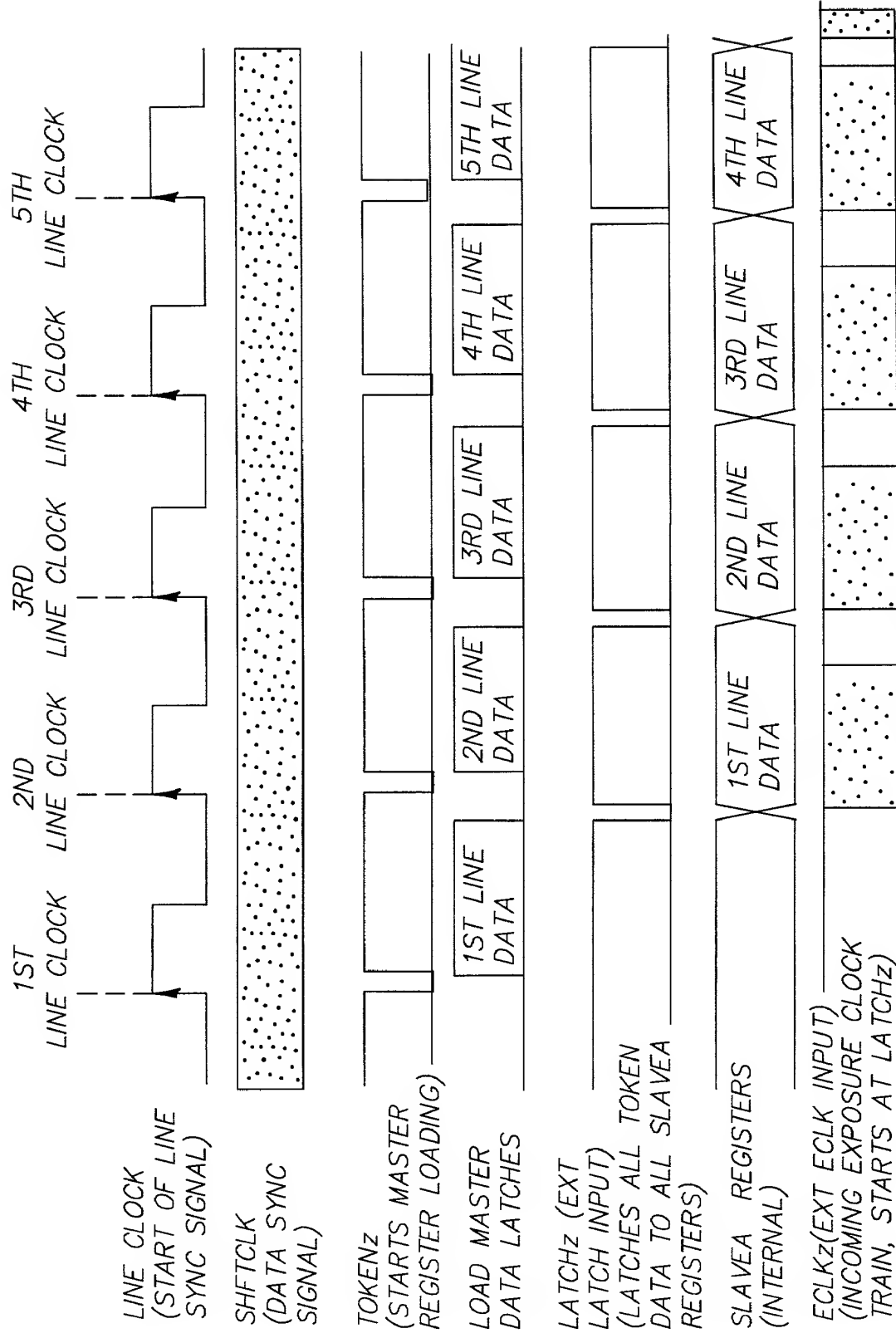


FIG. 10A

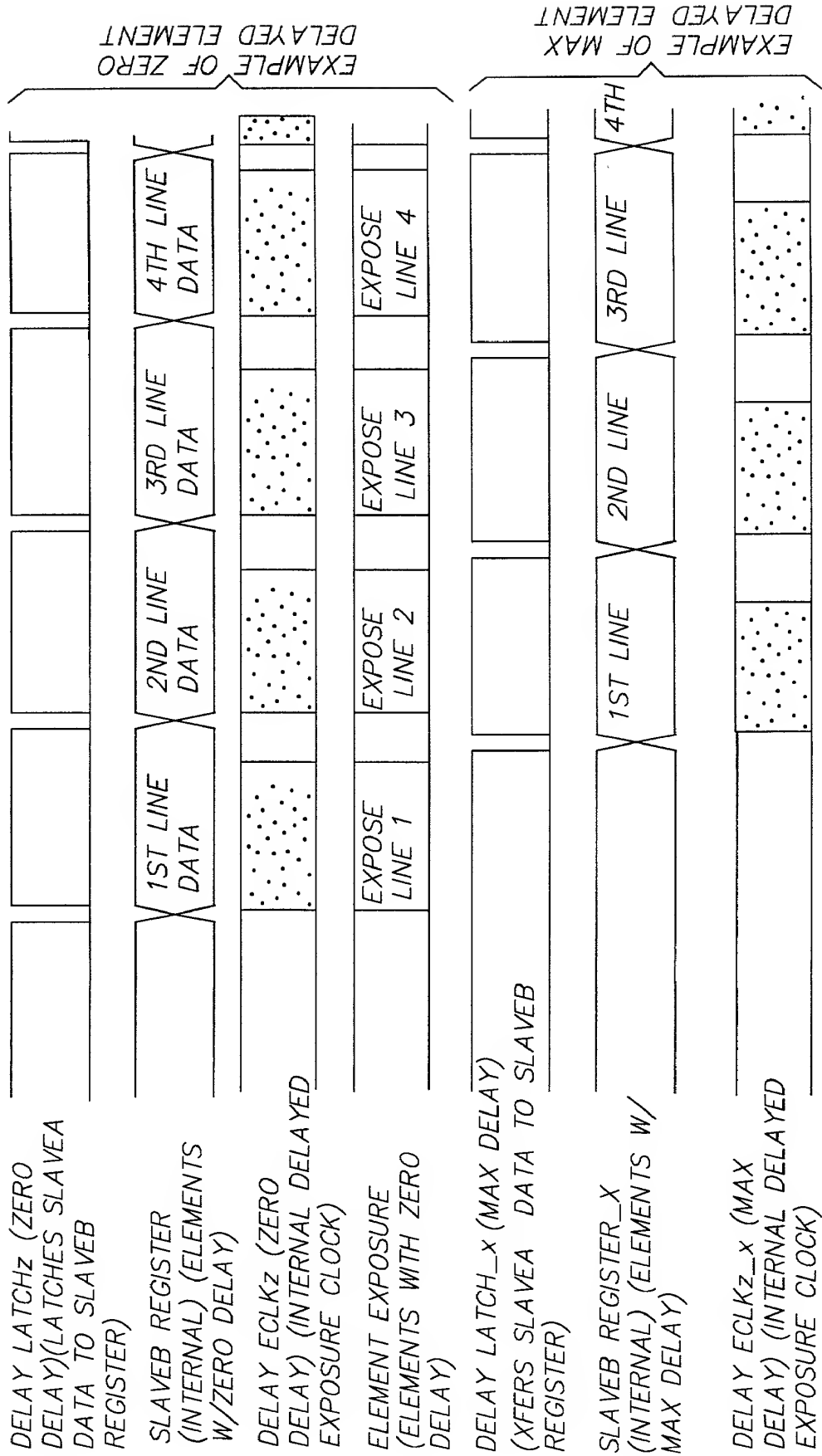


FIG. 10B

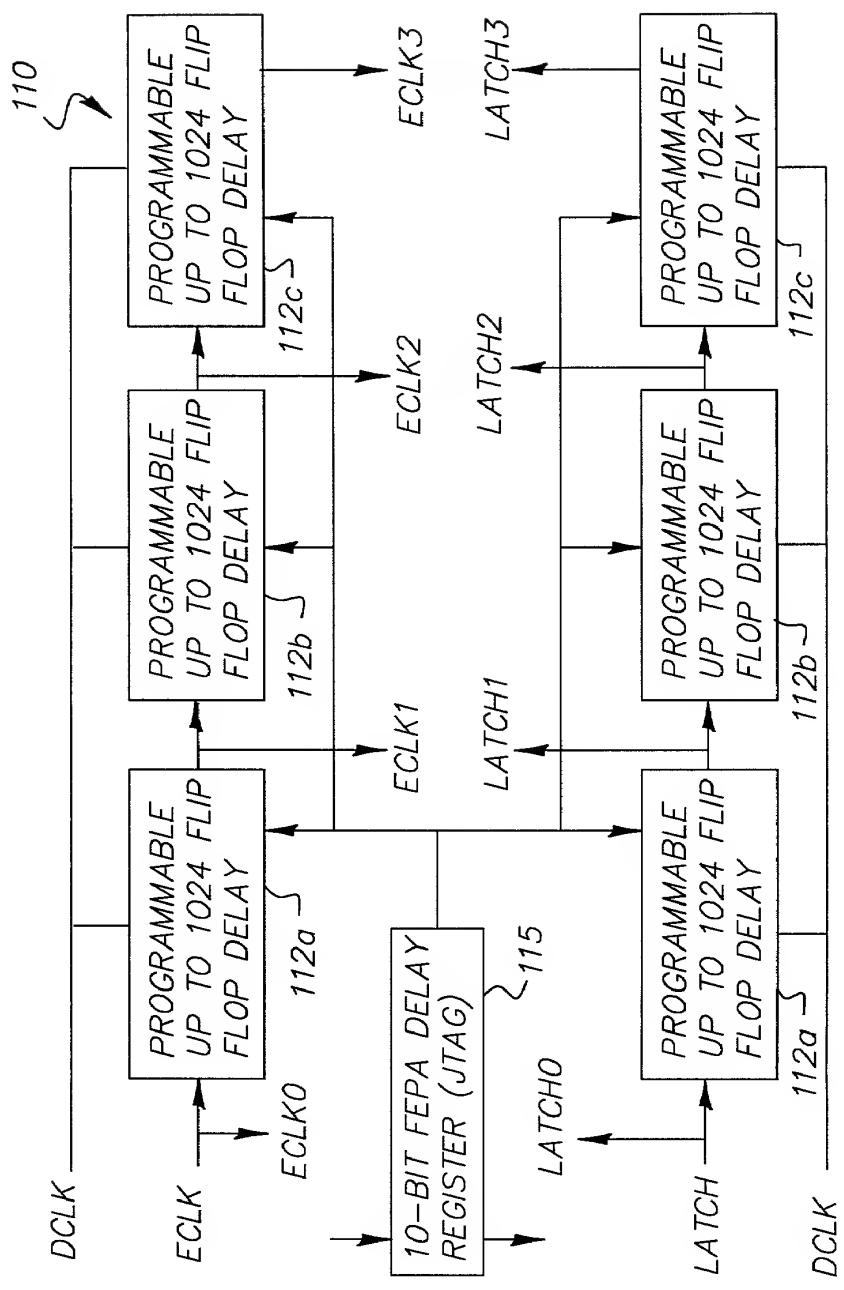
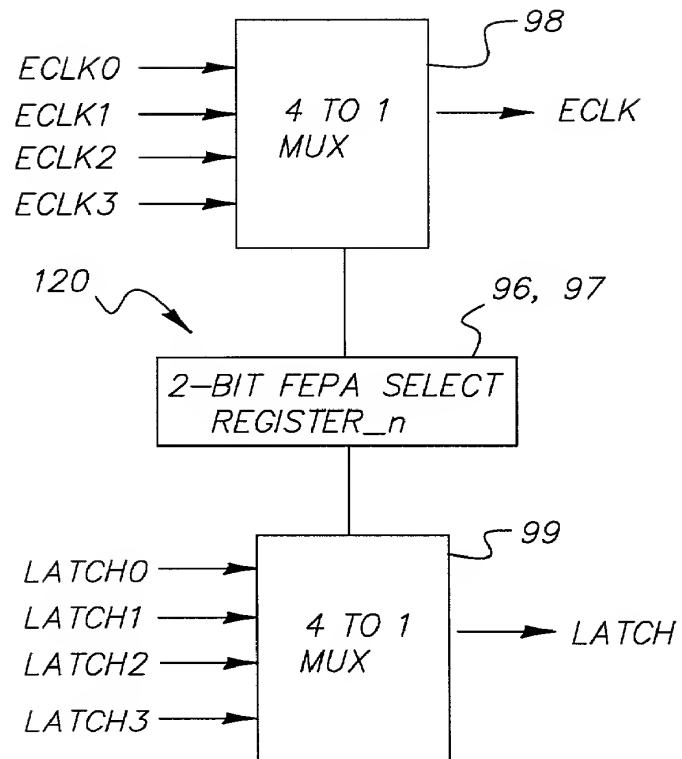
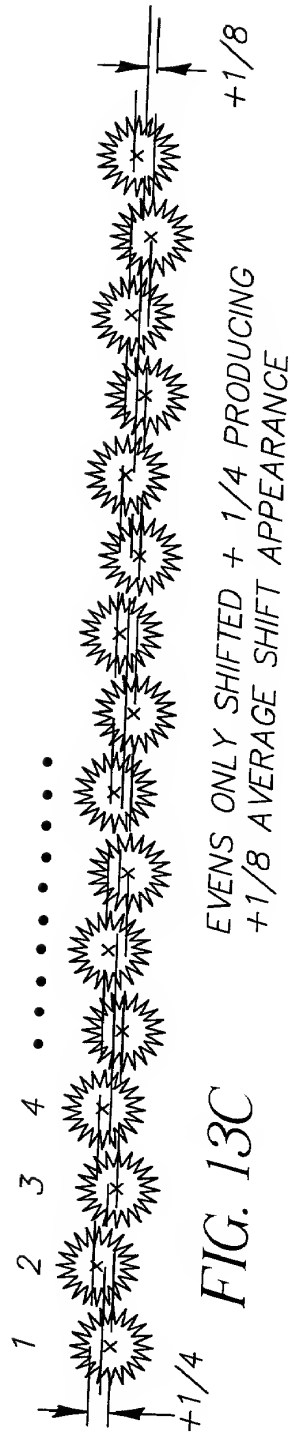
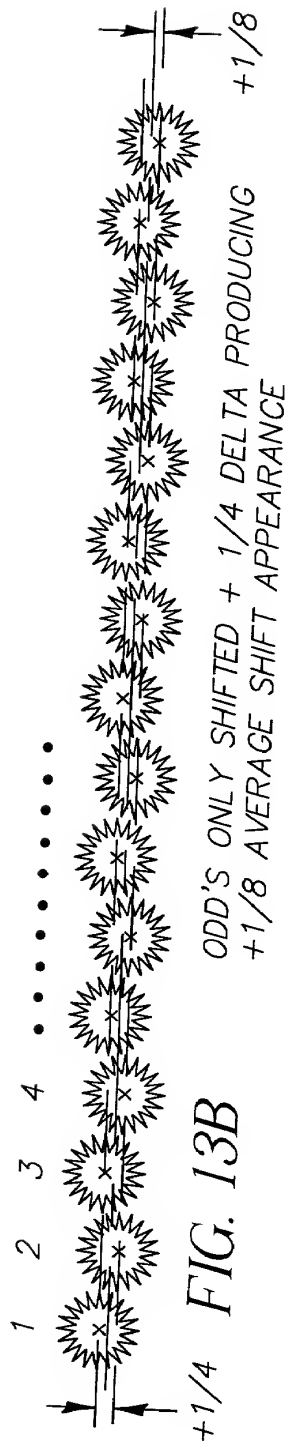
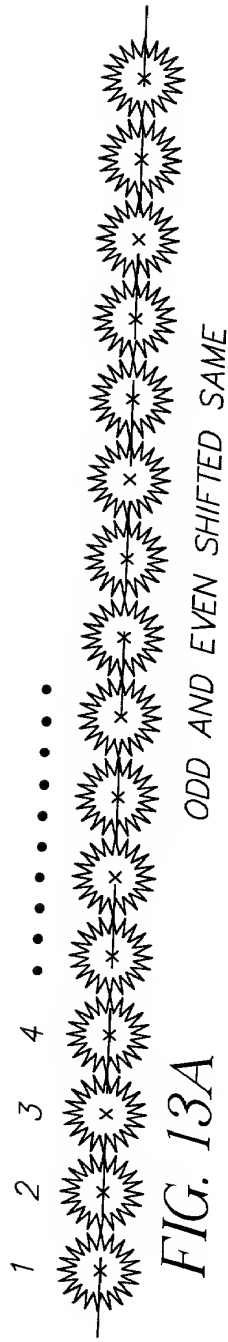


FIG. 11



*FIG. 12*



*FIG. 14A*

*FIG. 14B*

*FIG. 14*



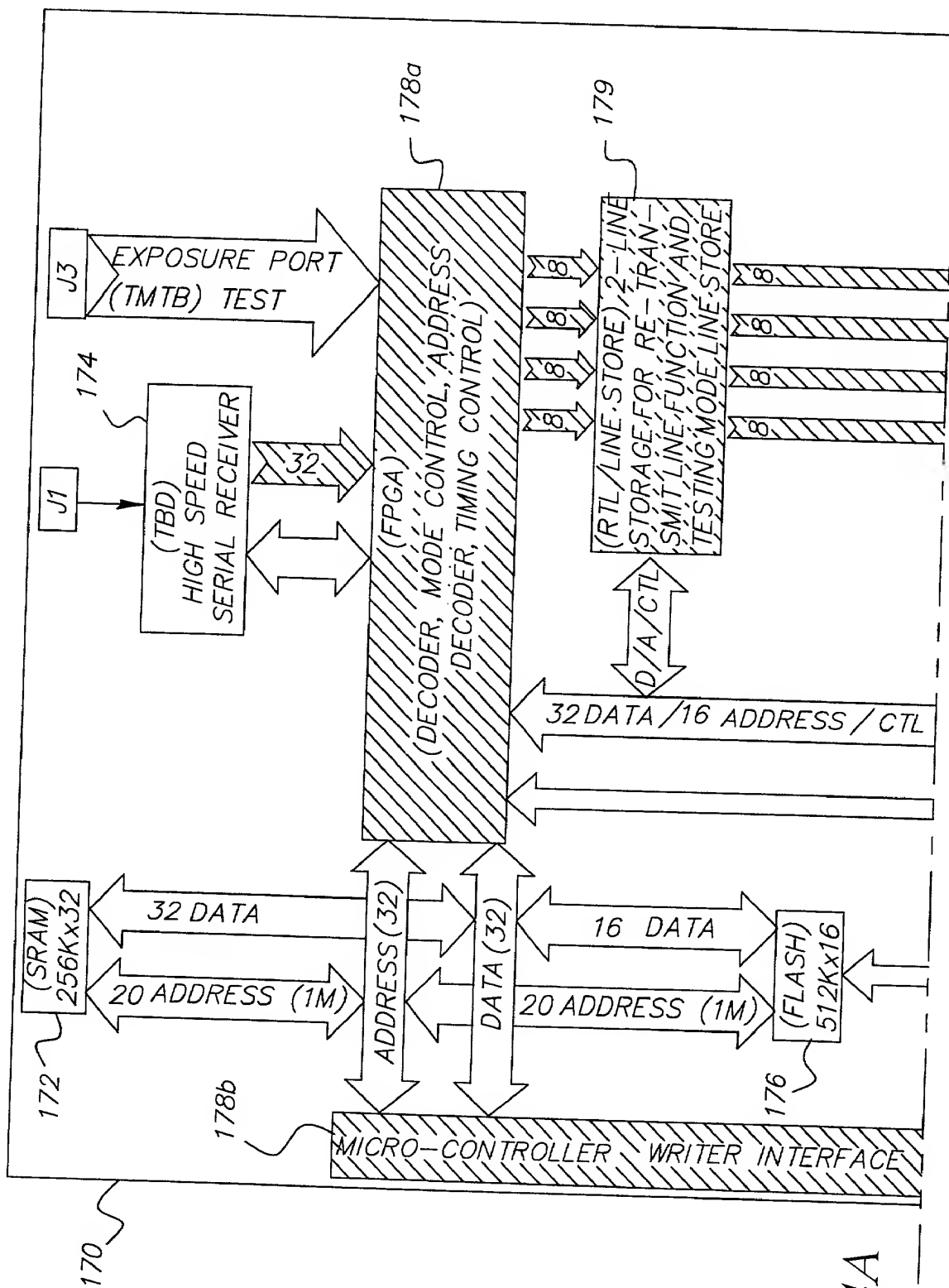


FIG. 14A

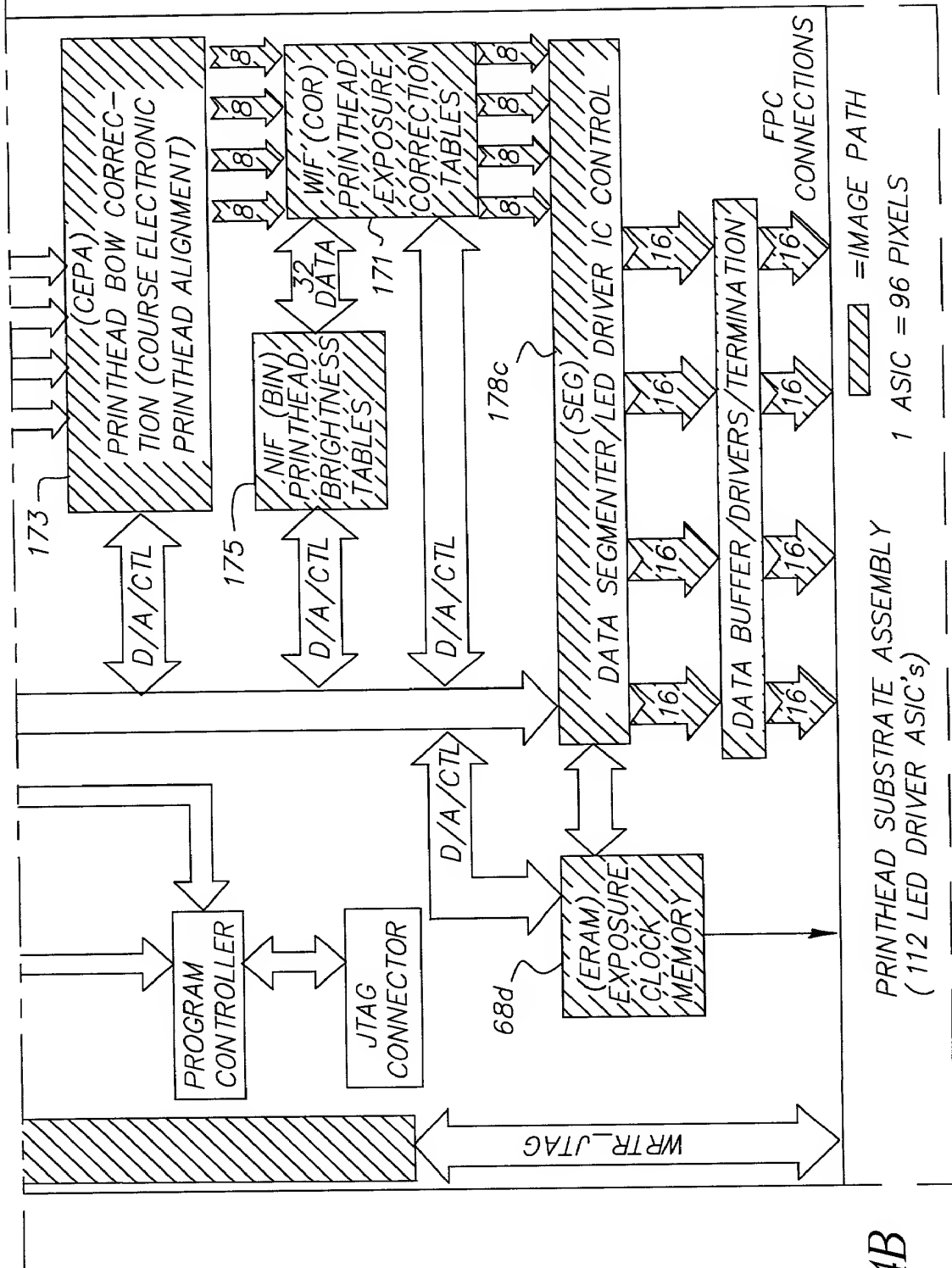


FIG. 14B